

21. A method according to claim 16 wherein the opposing detector substrate comprises an opposing detector electrode comprising a material selected from the group consisting of beryllium and aluminum.

22. A method according to claim 16 wherein the opposing detector substrate comprises an opposing detector electrode formed in a stripe.

B.1  
23. A method according to claim 16 wherein the opposing detector substrate comprises an opposing detector electrode formed in a mesh.

24. A method according to claim 16 wherein the opposing detector substrate comprises a material selected from the group consisting of a glass, a quartz, a vinyl chloride and acrylic resin.

25. A method according to claim 16 wherein the opposing detector substrate comprises an organic resin.

26. A method according to claim 16 further comprising:  
forming a cathode over the EL layer.

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27. A method according to claim 26 wherein the EL layer comprises an organic material.

28. A method of fabricating a light-emitting device, comprising:  
forming an element substrate having an electrode connected to a semiconductor element;  
inspecting the element substrate while moving the element substrate; and  
forming the EL layer in contact with the electrode connected to the semiconductor element;  
wherein the element substrate is inspected by:  
emitting electromagnetic waves from a source of electromagnetic waves;

ionizing a gas between the element substrate and an opposing detector substrate;

measuring a current between the element substrate and the opposing detector substrate; and

inspecting the current-flowing state of a pixel electrode of the element substrate.

B.1. 29. A method according to claim 28, wherein the source of the electromagnetic waves generates electromagnetic waves or X-rays of a wavelength of 0.01 to 100 nm.

30. A method according to claim 28 wherein said light-emitting device is incorporated into one selected from the group consisting of a video camera, a head mounted type electrical appliance, an image playback device, a head mounted display, a personal computer, a portable telephone, an audio reproducing device, and a digital camera.

31. A method according to claim 28 wherein said electromagnetic waves comprise a soft X-ray.

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32. A method according to claim 28 wherein the opposing detector substrate comprises an opposing detector electrode comprising a material selected from the group consisting of beryllium and aluminum.

33. A method according to claim 28 wherein the opposing detector substrate comprises an opposing detector electrode formed in a stripe.

34. A method according to claim 28 wherein the opposing detector substrate comprises an opposing detector electrode formed in a mesh.

35. A method according to claim 28 wherein the opposing detector substrate comprises a material selected from the group consisting of a glass, a quartz, a vinyl chloride and acrylic resin.

*Concluded  
p. 1*  
36. A method according to claim 28 wherein the opposing detector substrate comprises an organic resin.

37. A method according to claim 28 further comprising:  
forming a cathode over the EL layer.

38. A method according to claim 37 wherein the EL layer comprises an organic material.--

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